

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of :  
Kyeong-Hyeon KIM et al. :  
Serial No. [NEW] : Attorney Doc. No. SEC.368C  
Filed: 2 December 2003 :  
For: LIQUID CRYSTAL DISPLAY

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION IN CONTINUATION-IN-PART OR**  
**RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop Patent Application  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449 form(s), attached hereto.

II. **REFERENCES PREVIOUSLY CITED OR SUBMITTED**

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

08/971,674

08/891,499

U.S. Filing Date

November 17, 1997

July 11, 1997

III. FEES

This Information Disclosure Statement is being filed within three (3) months of the filing of the present application and/or prior to the issuance of a first action on the merits; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-0238.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-0238 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Dated: 2 December 2003

# **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.

SEC.368C

SERIAL NO.

NEW

Kyeong-Hyeon KIM et al.

FILING

2 December 2003

GROUP

TBA

## **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,914,761	06/22/1999	OHE et al.			
	B	5,905,556	05/18/1999	SUZUKI et al.			
	C	5,892,562	04/06/1999	YAMAZAKI et al.			
	D	5,886,762	03/23/1999	LEE et al.			
	E	5,841,499	11/24/1998	BAUR et al.			
	F	5,831,707	11/03/1998	OTA et al.			
	G	5,745,207	04/28/1998	ASADA et al.			
	H	5,668,651	09/16/1997	YAMADA et al.			
	I	5,654,782	08/05/1997	MOROKAWA et al.			
	J	5,598,285	01/28/1997	KONDO et al.			
	K	5,233,449	08/03/1993	SHIOJI et al.			

## **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	L	53-89753	08/07/1978	JAPAN				
	M	58-2872	01/1983	JAPAN				
	N	GB 1475378	01/06/1977	UNITED KINGDOM				
	O	FR 2764085	04/12/1998	FRANCE				
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## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Q	Lindquist R.G. et al., "High-Resolution Liquid-Crystal Phase Grating Formed by Fringing Fields From Interdigitated Electrodes", Vol. 19, pp. 670-672, XP000442237, 05/01/1994.
	R	Aratani S. et al., "Complete Suppression Of Color Shift In In-Plane Switching Mode Liquid Crystal Displays With A Multidomain Structure Obtained by Unidirectional Rubbing", Vol. 36, pp. L27-L29, XP000736552, 01/15/1997.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S		3,807,831	04/30/1974	SOREF			
T		5,099,345	03/1992	KOZAKI et al.			
U		6,469,763	10/2002	KIM et al.			
V		5,757,455	05/1998	SUGIYAMA et al.			
W		5,541,753	07/1996	RAYNES et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
X		JP 08313923	11/29/1996	JAPAN				
Y		JP (A) 53-89753	01/18/1977	JAPAN				
Z		57-000618 A	01-1982	JAPAN				

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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